



UID as an Enabler of Sustained Materiel Readiness

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**Depot UID Off-Site
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MPP&R Materiel Readiness Responsibilities



- **Provide Centralized Maintenance Policy & Management Oversight**
 - All Weapon Systems & Military Equipment
 - Establish & Maintain Maintenance Policies & Programs
 - Managerially And Technologically Sound
 - Adequately Resourced
 - Maintain Necessary Levels Of Weapon System & Equipment Readiness
- **Principal Advisor For Materiel Readiness & Sustainment Policies/Procedures**
 - Major Weapon Systems & Combat Support Equipment
 - Integrates Materiel Readiness Aspects Across L&MR
 - Influence Resource Allocation Decisions
 - Enhance Materiel Readiness Policies & Procedures
 - Provide Materiel Readiness Oversight
 - Initiate Focused Studies



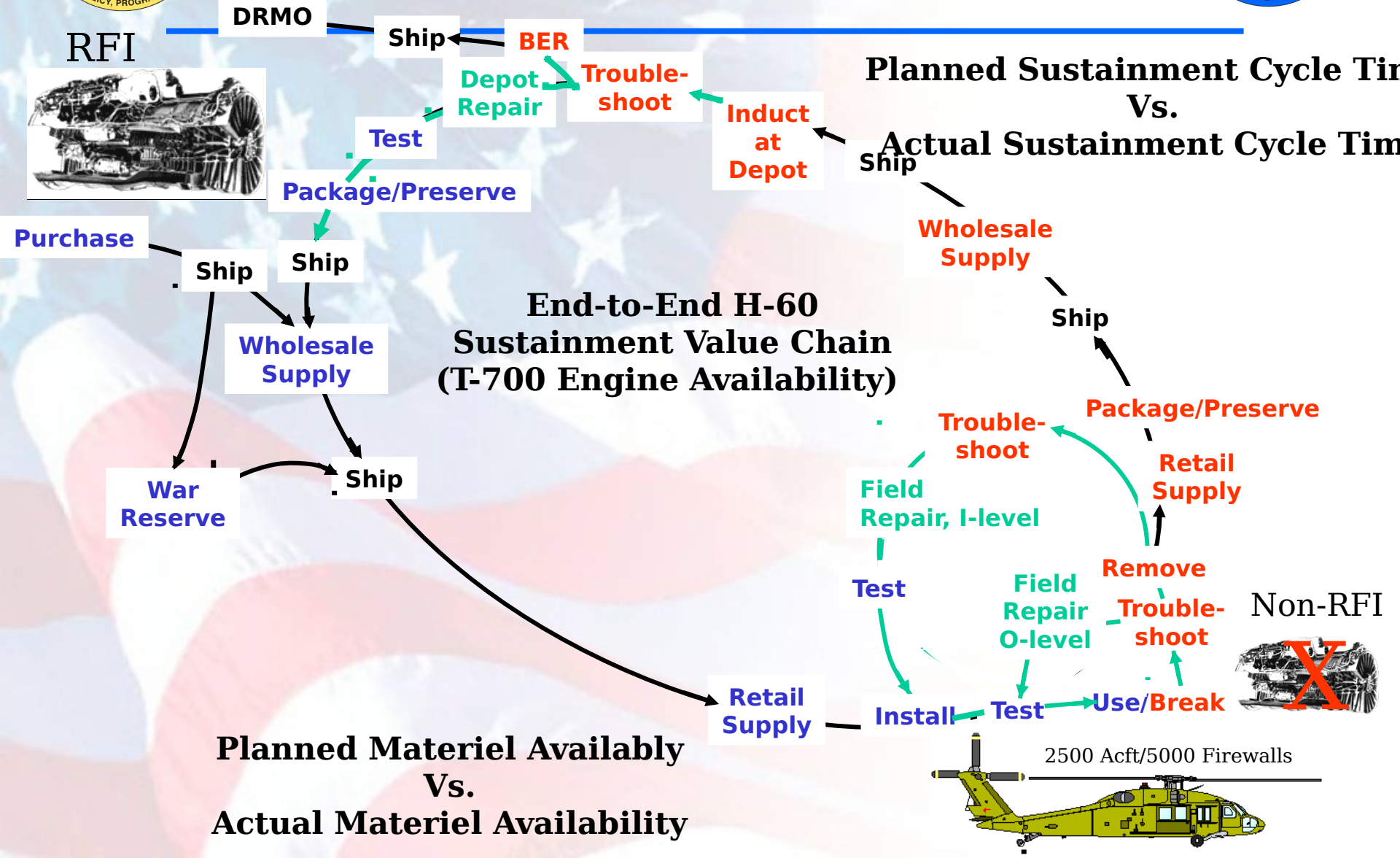
Integrated Sustainment Performance Objectives



- What matters to the Warfighter?
 - Materiel that should be available is available
 - At the planned location
 - At the planned time
 - In the planned material condition
 - Materiel that becomes unavailable is repaired or replaced
 - Within the planned sustainment cycle time
 - At the planned sustainment rate
 - At the planned sustainment cost



**Sustained Materiel Readiness
is Primarily a Function of
Hardware Reliability & Repair Cycle Time**





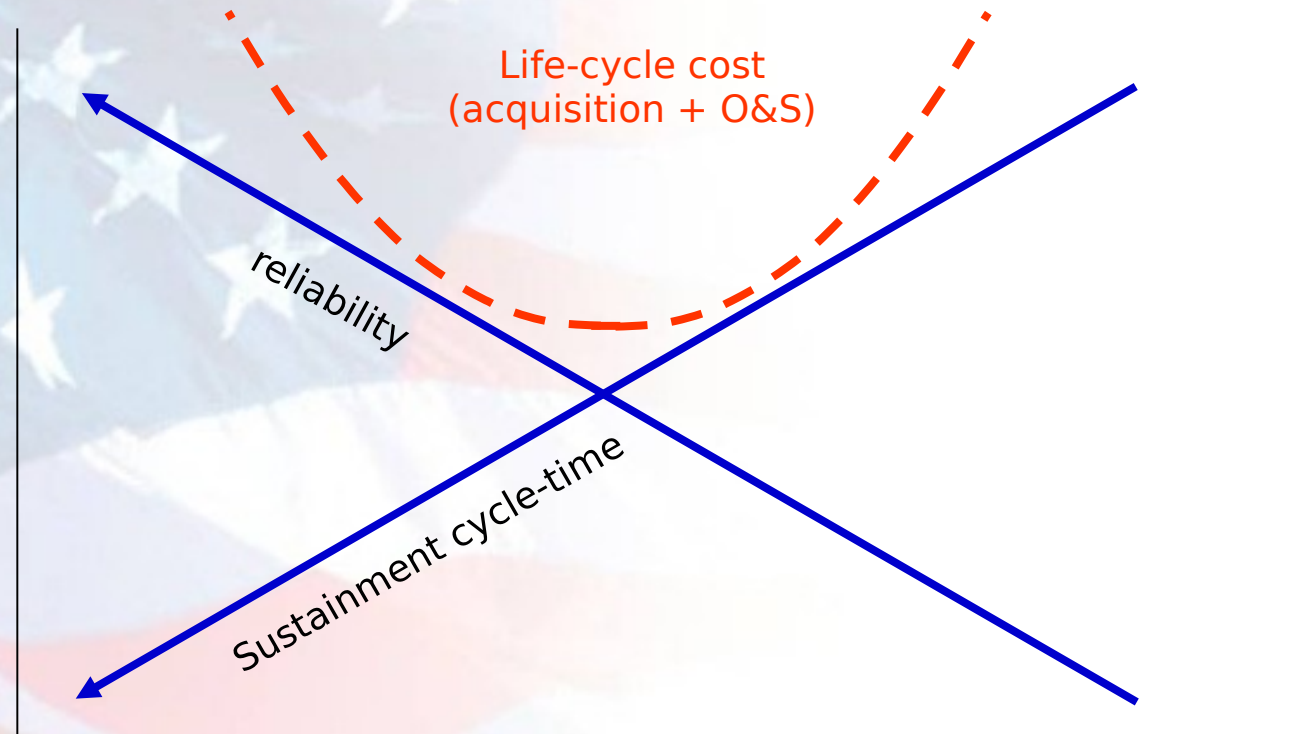
Optimizing Materiel Readiness Reliability & Cycle-Time vs. Cost



**Drive reliability
up to
optimum level**

more

less



**Drive
sustainment
cycle time
down to
optimum level**

Lower \$ ————— **Cost of (O&S only)** —————> Higher \$

Higher \$ <———— **R&D/ACQ Only** —————> Lower \$

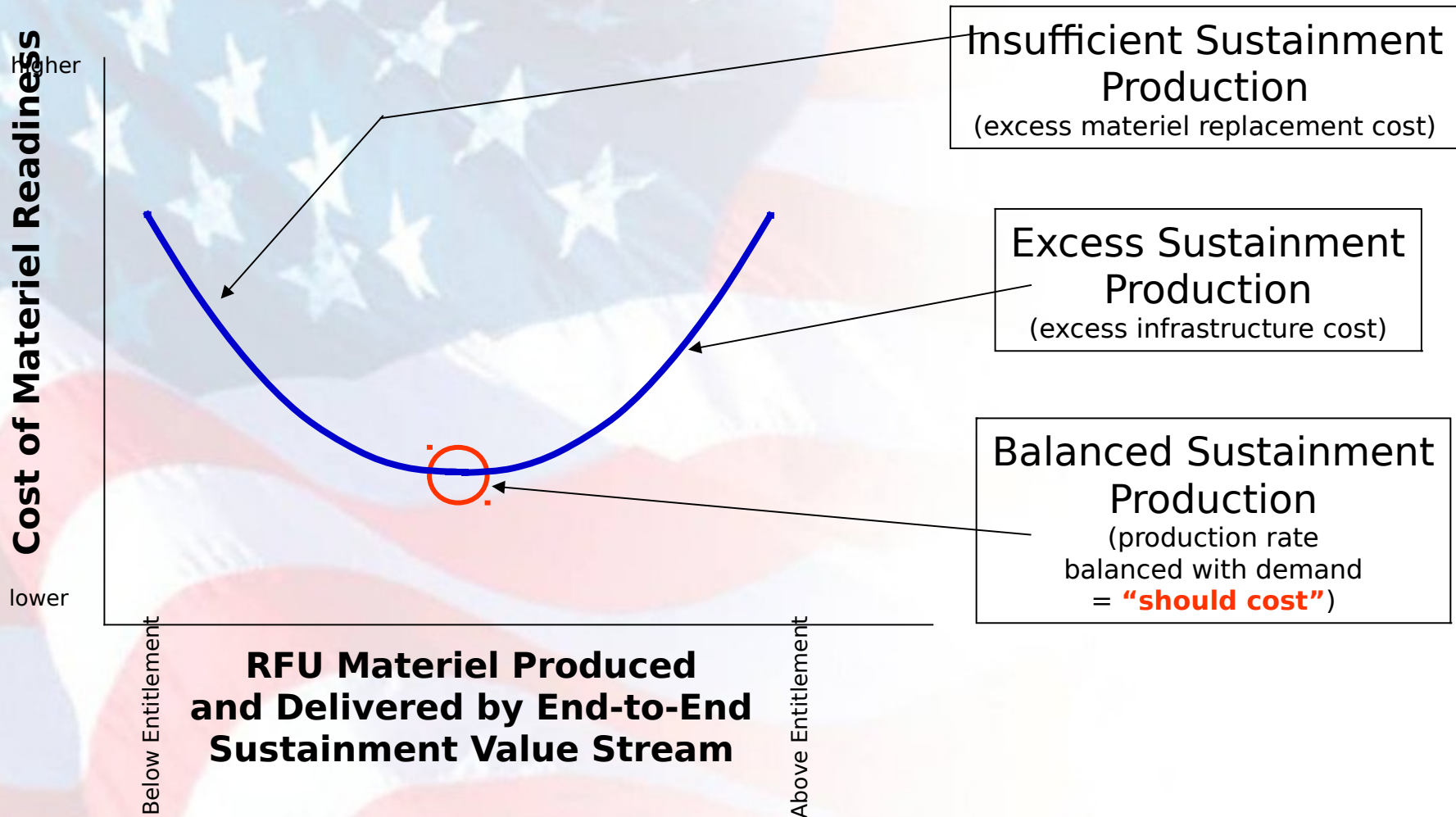
Higher \$ <———— **R&D/ACQ/O&S** —————> Higher \$

Lowest \$



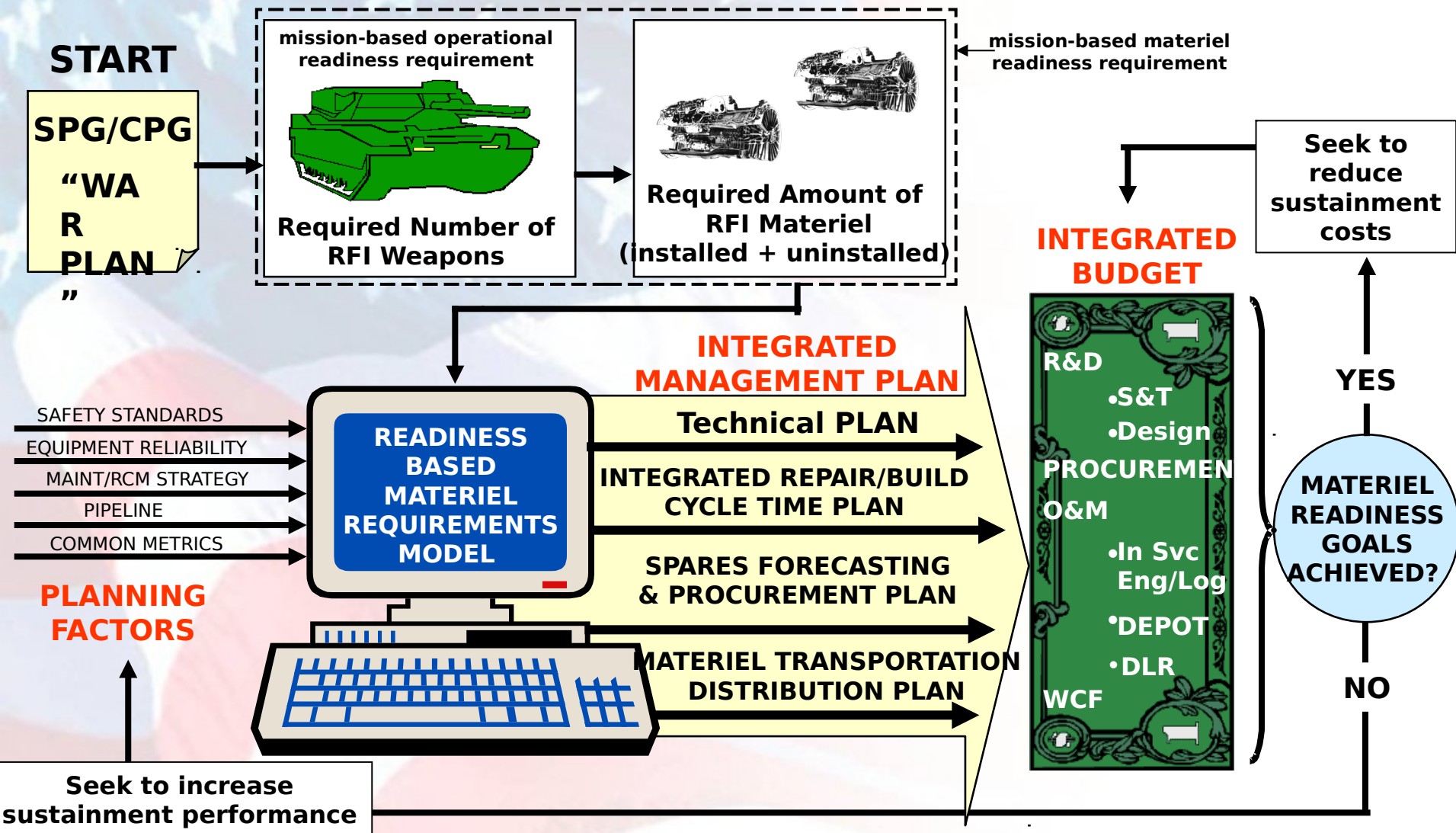
Optimizing Sustainment Costs

How much should Materiel Readiness cost?





Building the Optimum Sustainment Budget





Strategic Plan

Data Is Required for Informed Decision Making

OSD and DoD Components

- Document mission-based materiel readiness requirements
- Resource to efficiently achieve and sustain planned materiel availability in support of required readiness
- Evaluate the performance of the sustainment value chain
- If performance matches plan, seek to reduce the cost of sustainment; if performance is below plan, seek to increase value chain performance

Five Pillars for Sustaining Materiel Readiness

- Policy
- Measuring materiel readiness
- Optimizing materiel reliability
- Optimizing sustainment turnaround time/cycle time
- Balancing resources

UID/SIM
enables
this!



Expected Meeting Outcomes

- **Goal**: achieve common understanding and shared expectations of the UID parts marking and data management responsibilities which have been assigned, or will be assigned to our organic depots.
- **Objective**: standardize as much of our UID implementation strategy as makes sense, avoiding duplication of effort and redundant investment.
- **Expected Meeting Outcome**: achieve consensus on the preferred alternative for meeting key depot UID responsibilities, in particular:
 1. Funding UID implementation,
 2. Roles & responsibilities of the cognizant Program Manager/Item Manager,
 3. Business rules for engineering involvement in direct parts marking at the organic depots, and
 4. Depot processes for UID data transaction and data management, to include SNT/SIM.